

To: Peterson, Cynthia[Peterson.Cynthia@epa.gov]; Way, Steven[way.steven@epa.gov]
Cc: Peter Butler[butlerpeter2@gmail.com]; Milofsky, Robert[Milofsky_R@fortlewis.edu]
From: Cole, Callie
Sent: Mon 10/26/2015 8:51:18 PM
Subject: FW: Gold King Mine and water treatment plant tour
[Oct. 27 2015 meeting agenda.docx](#)
[DRAFT Timeline for Upper Animas 9-29-14.docx](#)

Hi Cynthia and Steve,

Peter Butler recommended that I contact you to set up a brief (~30 minute) tour of the water treatment facilities that have been set up in Gladstone. I'm a new faculty member at fort lewis college - I've been here about 8 weeks. I'm starting up an analytical chemistry research group where we will be using MP-AES (microwave plasma-atomic emission spectrometry) to look for heavy metals from various environmental sources (sediments, soils, and plants). I am currently supervising 2 students every Friday from 8-11am. We have just begun our work, so initially we have been working on becoming comfortable with the instrumentation and running calibrations. We have yet to run any "real" samples from the environment.

It would be fantastic if on a Friday morning around 9 or 9:30am my students and I could meet someone up at the water treatment facility in Gladstone for a brief tour to get a sense of what water treatment techniques are available in the aftermath of something like this spill.

Additionally, any samples that you may have of water before and after your water treatment efforts would be great for educational purposes here at FLC.

Let me know if we could set something up in the next few weeks!

Thanks,

Callie

Callie Cole
Assistant Professor, Analytical Chemistry
Fort Lewis College
1000 Rim Drive
Durango, CO 81301
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From: Peter Butler
Date: Tuesday, October 20, 2015 at 7:03 PM
To: "Cole, Callie"
Cc: "Milofsky, Robert", "Peterson, Cynthia", Steve Way
Subject: FW: Gold King Mine and water treatment plant tour

Callie – Probably the best to contact is Cynthia Peterson at EPA who I've added to the email. I also copied Steve Way who is the on-site manager at Gladstone.

We'd be interested in learning more about the scientific work you are doing. I've also attached the next ARSG meeting agenda (Oct. 27, 6:30 in Silverton) which might be of interest.

Peter Butler

970-259-0986

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From: Milofsky, Robert [mailto:Milofsky_R@fortlewis.edu]
Sent: Tuesday, October 20, 2015 3:28 PM
To: Peter Butler
Cc: Cole, Callie
Subject: Gold King Mine and water treatment plant tour

Hi Peter;

Good to see you at the meeting yesterday. Congratulations on your new position as chair of the Colorado/SUIT EC!

Dr. Callie Cole recently joined the faculty at Fort Lewis as Assistant Professor of Analytical Chemistry. Dr. Cole currently has two students working on heavy metal detection in water and sediment (as related to the Gold King Mine incident) using our newly acquired Microwave Plasma Atomic Emission Spectrometer. Dr. Cole was wondering if it would be possible to arrange a tour of the recently completed temporary water treatment facility near Gladstone. As per our conversation yesterday, I have cc'd Dr. Cole on this email. Would it be possible to get Dr. Cole connected to the right people to arrange a tour of the water treatment plant near Gladstone?

Thanks Peter!

Cheers,

Rob Milofsky

Professor of Chemistry

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